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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/709,676		
		Filing Date	May 21, 2004		
		First Named Inventor	Sarkar, Sujit K.		
		Art Unit	3746		
		Examiner Name	Unknown		
Sheet	4		11	Attorney Docket Number	47466-8

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Portion of CA 1,273,856; Published September 11, 1990; Zorzit	
	/	Portion of CA 1,128,386; Published July 27, 1982; Viessmann	
	/	Portion of CA 1,252,352; Published April 11, 1989; Krans, et al.	
	/	Portion of CA 2,024,816; Published April 18, 1991; Albrecht	
	/	Portion of CA 1,123,287; Published May 11, 1982; Livingstone	
	/	Portion of CA 1,166,532; Published May 1, 1984; Styslinger	
	/	Portion of CA 2,082,502; Published October 29, 1992; Balint, et al.	
	/	Portion of CA 2,089,612; Published April 17, 1994; Moscone	
	/	Portion of CA 2,314,844; Published February 2, 2001; Tanaka, et al.	
	/	Portion of CA 1,259,537; Published September 19, 1989; Buice	
	/	Portion of CA 2,211,983; Published August 28, 1998; Watanabe, et al.	

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	/	Portion of CA 2,094,205; Published October 18, 1993; Nagato, et al.	
	/	Portion of CA 1,099,161; Published April 14, 1981; Jehn, et al.	
	/	Portion of CA 1,080,053; Published June 24, 1980; Michel	
	/	Portion of CA 2,157,221; Published March 9, 1996; Phelps	
	/	Portion of CA 1,170,175; Published July 3, 1984; Sperry, et al.	
	/	Portion of CA 1,260,341; Published September 26, 1989; Paquet	
	/	Portion of CA 1,201,026; Published February 25, 1986; Rees	
	/	Portion of CA 1,129,276; Published August 10, 1982; Angelini	
	/	Portion of CA 2,049,815; Published February 28, 1992; Budin, et al.	
	/	Portion of CA 1,156,886; Published November 15, 1983; Beckett	
	/	Portion of CA 1,050,839; Published March 20, 1979; Woodmansee, et al.	

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		Portion of CA 653,200; Published November 27, 1962; Alick, et al.	
		Portion of CA 2,006,576; Published June 22, 1990; Miura, et al.	
		Portion of CA 1,313,088; Published January 26, 1993; Campbell, et al.	
		Portion of CA 1,318,196; Published May 25, 1993; Abdulally	
		Portion of CA 1,329,323; Published May 10, 1994; Ziemianek	
		Portion of CA 2,058,161; Published June 22, 1992; Hulkkonen, et al.	
		Portion of CA 2,060,375; Published August 1, 1992; Soltys, et al.	
		Portion of CA 2,102,835; Published May 14, 1994; Dietz	
		Portion of CA 2,124,432; Published January 7, 1995; Tang	
		Portion of CA 2,163,172; Published June 8, 1996; Campbell, et al.	
		Portion of CA 2,186,369; Published October 19, 1995; Hiltunen, et al.	

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		Portion of CA 2,239,391; Published July 2, 1998; Garcia-Mallof	
		Portion of CA 2,383,586; Published March 8, 2001; Worman	
		Portion of CA 525,170; Published May 15, 1956; Alick	
		Portion of CA 561,863; Published August 12, 1958; Alick	
		Portion of CA 788,269; Published June 25, 1968; Fanaritis	
		Portion of CA 1,196,344; Published November 5, 1985; McCallister	
		Portion of CA 1,261,630; Published September 26, 1989; Spangler, et al.	
		Portion of CA 2,096,011; Published May 28, 1992; Corbett, et al.	
		Portion of CA 2,026,455; Published April 4, 1991; Tokuda, et al.	
		Portion of CA 1,133,773; Published October 19, 1982; Bernstein	
		Portion of CA 1,163,919; Published March 20, 1984; Meeks, et al.	

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		Portion of CA 2,372,547; Published November 9, 2000; Hagan, et al.	
		Portion of CA 1,215,230; Published December 16, 1986; Osman	
		Portion of CA 1,285,899; Published July 9, 1991; Fuderer	
		Portion of CA 2,389,444; Published January 18, 2003; Cargel, et al.	
		Portion of CA 1,235,610; Published April 26, 1988; Downs, et al.	
		Portion of CA 2,105,166; Published October 1, 1992; Valentine	
		Portion of CA 2,373,456; Published October 26, 2002; Tsirolnikov, et al.	
		Portion of CA 2,394,202; Published June 21, 2001; Henkel, et al.	
		Portion of CA 1,166,531; Published May 1, 1984; Rodwell	
		Portion of CA 315,507; Published September 22, 1931; Barnes	
		Portion of CA 325,131; Published August 16, 1932; Lucke	

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		Portion of CA 325,287; Published August 23, 1932; Lucke	
		Portion of CA 326,507; Published October 4, 1932; Jones	
		Portion of CA 342,249; Published June 12, 1934; Jacobus, et al.	
		Portion of CA 345,165; Published October 9, 1934; Howard, et al.	
		Portion of CA 355,745; Published February 4, 1936; Schmidt	
		Portion of CA 505,241; Published August 17, 1954; Clarkson	
		Portion of CA 611,339; Published December 27, 1960; Theodore	
		Portion of CA 840,746; Published May 5, 1970; Vorkauf	
		Portion of CA 893,491; Published February 22, 1972; Ruhe	
		Portion of CA 1,041,079; Published October 24, 1978; Hapgood	
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		Portion of CA 1,091,108; Published December 9, 1980; Siegrist	
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		Portion of CA 2,033,988; Published December 27, 1990, Fulleman	
		Design aspects of once through systems for heat recovery steam generators for base load and cyclic operation; Brady; Materials at High Temperatures 18(4) 223-229 © 2001 Science Reviews.	

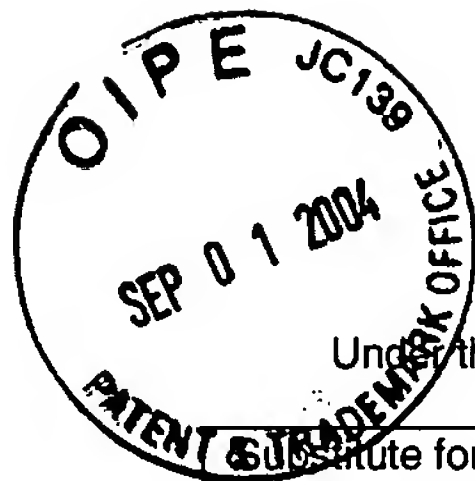
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-4,008,041	Feb. 15, 1977	Roffe et al.	
		US-4,140,473	Feb. 20, 1979	Hoehing et al.	
		US-4,140,472	Feb. 20, 1979	Hoehing et al.	
		US-4,289,475	Sept. 15, 1981	Wall et al.	
		US-4,302,177	Nov. 24, 1981	Fankhanel et al.	
		US-2,685,866	Aug. 10, 1954	O.A. Yost	
		US-3,357,407	Dec. 12, 1967	J.P. Fanaritis	
		US-3,052,223	Sept. 4, 1962	P. Profos	
		US-4,109,613	Aug. 29, 1978	Hayden et al.	
		US-3,017,870	Jan. 23, 1962	P. Profos	
		US-5,979,549	Nov. 9, 1999	Meeks	
		US-6,129,148	Oct. 10, 2000	Meeks	
		US-1,150,948	Aug. 24, 1915	V. Laziny	
		US-722,466	Mar. 10, 1903	J.W. Sutton	
		US-715,842	Dec. 16, 1902	R. McKay	
		US-603,502	May 3, 1898	C.H. Fox	
		US-451,245	Apr. 28, 1891	H. Hyde	
		US-355,178	Dec. 28, 1886	W. A. Kirby	
		US-135,996	Feb. 18, 1873	P.J. McMahon	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/709,676
				Filing Date	May 21, 2004
				First Named Inventor	SARKAR, Sujit
				Art Unit	3746
				Examiner Name	Not known
Sheet	2	of	11	Attorney Docket Number	47466-8

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-75,296	Mar. 10, 1868	P. Quinn	
		US-931,907	Aug. 24, 1909	C. Wegener	
		US-301,092	July 1, 1884	S.N. Carvalho	
		US-1,421,902	July 4, 1922	J.H. Brown	
		US-1,775,962	Sept. 16, 1930	T. Love	
		US-1,980,424	Nov. 13, 1934	L.F. Morgan	
		US-2,020,686	Nov. 12, 1935	P.W. Kaiser	
		US-2,207,654	July 9, 1940	J.H. Brown	
		US-2,291,872	Aug. 4, 1942	J.E. Brantly	
		US-2,304,409	Dec. 8, 1942	L.W. Jeffords	
		US-2,312,622	Mar. 2, 1943	J.E. Brantly	
		US-3,267,912	Aug. 23, 1966	F. Läubli	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

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		Number-Kind Code <sup>2</sup> (if known)			
		US-6,481,641	11-19-2002	Mieney	
		US-6,481,207	11-19-2002	Miura, et al	
		US-6,475,409	11-05-2002	Iijima, et al.	
		US-6,190,628	02-20-2001	Carter	
		US-6,210,150	04-03-2001	Rosen, et al.	
		US-5,293,842	03-15-1994	Loesel	
		US-6,523,348	02-25-2003	Acharya, et al.	
		US-2002/0152681	10-24-2004	Oh et al.	
		US-2003/0035766	02-20-2003	Baca et al.	ONLY PORTIONS OF THESE US DOCUMENTS ARE ENCLOSED, AS ONLY THESE PORTIONS ARE THOSE OF WHICH THE APPLICANT IS BELIEVED TO BE AWARE
		US-2002/0002819	01-10-2002	Gorman et al.	
		US-2003/0037534	02-27-2003	Sugishita et al.	
		US-2003/0024488	02-06-2003	Bingham et al.	
		US-2003/0017428	01-23-2003	Reiner, et al.	
		US-2002/0157618	10-31-2002	Franke et al.	
		US-2002/0017100	02-14-2002	Berndt, et al.	
		US-2003/0015321	01-23-2003	Lim, et al.	
		US-2003/0000220	01-02-2003	Liebig, et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
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